



## RF Filters for Cordless Phones

**Series/Type:**        **B4629**

The following products presented in this data sheet are being withdrawn.

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B39931B4629Z610		2004-05-19	2004-09-30	2004-12-31

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of our worldwide sales network are presented at [www.epcos.com/sales](http://www.epcos.com/sales).



## Withdrawn Products

The following products presented in this data sheet are being withdrawn:

B39931B4629Z610

Date of withdrawal: 19-MAY-04

Deadline for last orders: 30-SEP-04

Last shipments: 31-DEC-04

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of the sales offices are given on the Internet at [www.epcos.com/sales](http://www.epcos.com/sales).



# SAW Components

Data Sheet B4629

Data Sheet

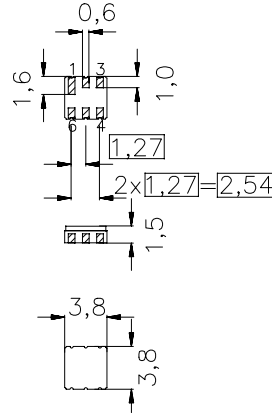
A large, stylized, 3D-rendered graphic of the EPCOS logo. The letters "EPCOS" are rendered in a bold, sans-serif font, appearing to be part of a curved, metallic-looking structure. The background is dark and textured, suggesting a globe or a complex surface.

Ceramic package **DCC6**
**Features**

- Low loss RF filter for Cordless telephone CT1+
- High image frequency suppression
- No matching network required for operation at 50 Ω
- Ceramic package for **Surface Mounted Technology (SMT)**

**Terminals**

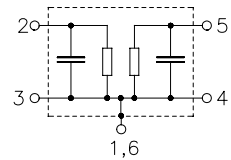
- Ni , gold-plated



Dimensions in mm, approx. weight 0,07 g

**Pin configuration**

2	Input
3	Input - ground
5	Output
4	Output - ground
1,6	To be grounded



Type	Ordering code	Marking and Package according to	Packing according to
B4629	B39931-B4629-Z610	C61157-A7-A41	F61074-V8030-Z000

**Electrostatic Sensitive Device (ESD)**
**Maximum ratings**

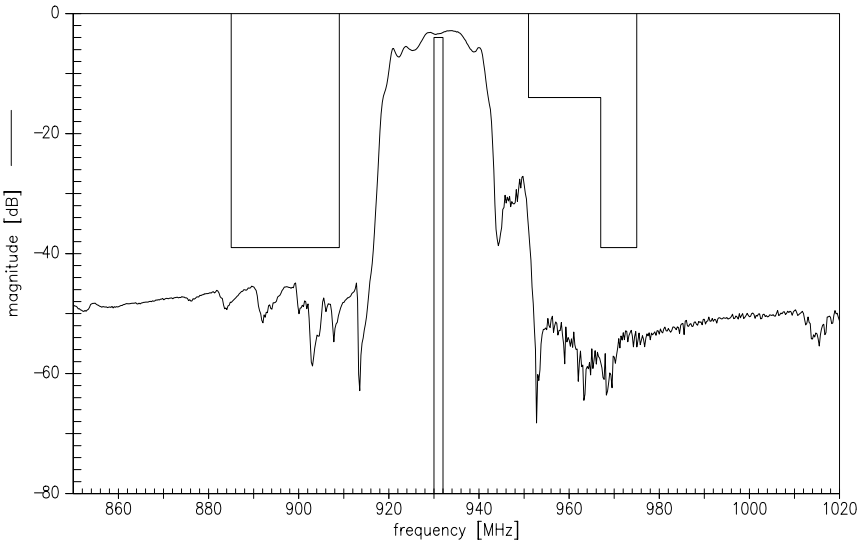
Operable temperature range	$T$	0/+ 55	°C	
Storage temperature range	$T_{stg}$	- 40/+ 85	°C	
DC voltage	$V_{DC}$	0	V	
Input power	$P_{IN}$	10	dBm	


**Characteristics**

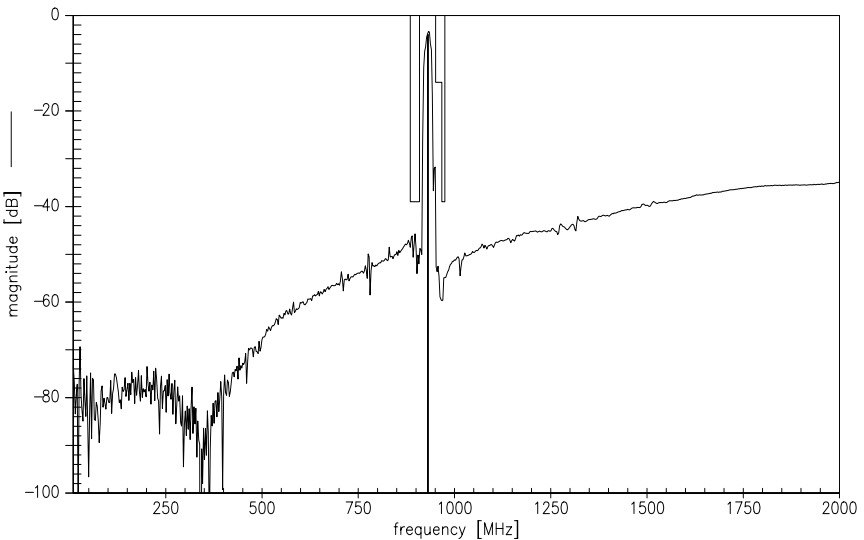
Operating temperature range:	$T = 0$ to $+55$ °C
Terminating source impedance:	$Z_S = 50$ Ω
Terminating load impedance:	$Z_L = 50$ Ω

		min.	typ.	max.	
<b>Center frequency</b>	$f_c$	—	931,00	—	MHz
<b>Maximum insertion attenuation</b> 930,00 ... 932,00 MHz	$\alpha_{\max}$	—	3,4	4,0	dB
<b>Amplitude ripple (p-p)</b> 930,00 ... 932,00 MHz	$\Delta\alpha$	—	0,6	1,2	dB
<b>Relative attenuation (relative to <math>\alpha_{\max}</math>)</b> 885,00 ... 909,00 MHz	$\alpha_{\text{rel}}$	35,0	41,0	—	dB
951,00 ... 967,00 MHz		10,0	24,0	—	dB
967,00 ... 975,00 MHz		35,0	48,0	—	dB
<b>Temperature coefficient of frequency</b>	$TC_f$	—	-30	—	ppm/K

Transfer function :



Transfer function (wideband) :





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This brochure replaces the previous edition.

For questions on technology, prices and delivery please contact the Sales Offices of EPCOS AG or the international Representatives.

Due to technical requirements components may contain dangerous substances. For information on the type in question please also contact one of our Sales Offices.